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November 15, 2013

Sean Sheldrake
Project Coordinator
U.S. EPA, Region 10
1200 Sixth Avenue, M/S ECL-111
Seattle, Washington 98101

Re: October 2013 Monthly Progress Report
Administrative Settlement Agreement and Order on Consent for Removal Action
U.S. EPA Region 10 Docket No. CERCLA 10-2009-0255
Gasco Sediments Site within the Portland Harbor Superfund Site

Project Number: 000029-02.28

Dear Mr. Sheldrake:

This monthly progress report provides information required by Section VIII, Paragraph 26, of the Administrative Settlement Agreement and Order on Consent for Removal Action (Order) for actions taken in October 2013 at the Gasco Sediments Site within the Portland Harbor Superfund Site.

1. ACTIONS TAKEN IN THIS MONTH AND PROBLEMS ENCOUNTERED

The following actions and correspondences occurred in this month:

- **October 1, 11, 15, and 21** – NW Natural coordinated with the U.S. Army Corps of Engineers (USACE) to facilitate USACE observations of Anchor QEA implementation of the *Study Design for Sediment Characterization Adjacent to U.S. Moorings Site*.
- **October 2** – Anchor QEA submitted a schedule to EPA for completion of the *Study Design for Sediment Characterization Adjacent to U.S. Moorings Site*.
- **October 3** – NW Natural and Siltronic submitted the proposed framework for the Gasco

Sediments Site substantial product accessibility analysis.

- **October 15** – Anchor QEA submitted the Gasco Sediments Site monthly progress report to EPA.
- **October 16** – NW Natural's attorney notified EPA orally and by email that a force majeure event (i.e., government shutdown) may delay or otherwise prevent NW Natural and Siltronic Corporation from fully complying with EPA direction provided under the Order.
- **October 21** – Anchor QEA provided notice to the Oregon Department of State Lands (DSL) that NW Natural would be performing sediment coring adjacent to the U.S. Moorings sediment site within the area covered by the NW Natural and Siltronic Corporation Access Agreement with DSL.
- **October 29** – Anchor QEA successfully implemented the *Study Design for Sediment Characterization Adjacent to U.S. Moorings Site* with no substantial product observed in cores.
- **October 31** – Anchor QEA submitted Field Change Request Form #1 to EPA that requested approval to perform the sediment coring at Station GS-01 from the landside due to insufficient water depths to facilitate collection from the waterside.

2. RESULTS OF SAMPLING, TESTS, AND OTHER DATA RECEIVED

The results of the monthly visual monitoring of the shoreline area in the direct vicinity of the pilot cap are provided as Attachment A.

3. SCHEDULE OF ACTIVITIES FOR THE NEXT MONTH

Anchor QEA anticipates the following activities to occur in the next month:

- Submittal of the November monthly progress report.
- Continued coordination with EPA, CDM Smith, and USACE regarding the *Study Design for Sediment Characterization Adjacent to U.S. Moorings Site*.
- Receipt of EPA approval of the Field Change Request Form #1 and NW Natural submittal of Field Change Request Form #2 and subsequent receipt of EPA approval.
- Completion of core collection from the landside at Station GS-01 and associated core processing.

- Completion of monthly visual monitoring of the shoreline area in the direct vicinity of the pilot cap area.

4. ANTICIPATED PROBLEMS AND PROPOSED RESOLUTIONS

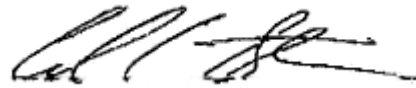
The potential delay in field work or deviation from the *Study Design for Sediment Characterization Adjacent to U.S. Moorings Site* was averted when the federal government reopened on October 17, 2013. No other problems or unforeseen conditions were encountered.

Please contact the undersigned if you have any questions or require additional information.

Sincerely,



Ryan Barth, P.E.
Assistant Project Manager



Carl Stivers, Partner
Project Manager

Attachments:

Attachment A Monthly Visual Monitoring Report for Pilot Cap Vicinity

Cc:

Bob Wyatt, NW Natural

Patty Dost, Pearl Legal Group PC

Myron Burr, Siltronic Corporation

Alan Gladstone and William Earle, Davis Rothwell Earle and Xochihua

James Peale, Maul Foster Alongi, Inc.

Lance Peterson, CDM Smith

Matt McClincy, DEQ

Dana Bayuk, DEQ



Visual Observations Log Form

Date October 17, 2013 **Project Number:** 000029-02 BG-28 Task 4a

Location: NW Natural "Gasco" Site

Project Name: NW Natural – Gasco

Monitoring Period: Monthly (Year 7)—October 2013

Time Observations Started: October 17, 2013 @ 14:30 **Time Observation Concluded:** October 17, 2013 @ 15:30

Weather Conditions: Sunny, 61° Fahrenheit, winds from the west @0-7 knots.

Wave Action Observations: Light wave action (0.1 – 0.3 feet in height)

Photographs Taken: ☒ Yes ☐ No

Tidal Conditions: Willamette River level on 10/17/2013 ranged in elevation from 1.85 to 5.52 feet. The Willamette River level during photos was approximately 2.53 feet measured at 14:30 (River Level Elevation Datum: Morrison Gage Height).

Observations of Erosion/Deposition: No erosion/deposition is evident along the shoreline. Three organoclay mat material segments are exposed and visible. Fifteen feet of a 20-foot section of organoclay mat is out of the water at the upriver extent of the cap area perpendicular to the shoreline. A segment measuring 4-foot in length is 10 feet from shoreline near the lateral mid-point of the cap area. One 40-foot section of organoclay mat material is exposed and most is out of the water or at the shoreline near the downriver extent of the cap area (Photo 1).

Observations of Long-term Controls (i.e., oil booms, organo-clay mat, etc.) During the observation, the Fuel and Marine Marketing (FAMM) containment boom was placed across the cap area, between the upriver corner of the ship dock and the wooden dolphin (near the upriver extent of the site and near the Siltronic Corporation outfall). Buoys that identify the cap area to mariners are in place as installed. The position of the FAMM oil boom, warning buoys, and a general overview is shown in Photo 2.

Other Comments:

No sheen is evident in or around the cap area. Photo 3 shows the water surface and shoreline immediately downriver of the sediment cap.

Recorded by:

Douglas Laffoon

Photo 1 — *Visible section of organo-clay mat near the downriver extent of the cap area (10/17/13):*



Photo 2 — *FAMM oil boom and mariner warning buoys across pilot cap area. (10/17/13):*



Photo 3 — *Conditions immediately downriver of cap area (10/17/13):*

